

3D DISPLAY DEVICES WITH TRANSIENT LIGHT
SCATTERING SHUTTERS

Abstract of the Disclosure

A transient light scattering shutter is
5 provided that switches very quickly from an optically
transparent state to a strongly light scattering state
and vice versa by varying a voltage across the shutter.
Multi-surface optical devices and multiplanar
volumetric systems using a plurality of such transient
10 light scattering shutters are also provided. These
devices and systems generate high quality
three-dimensional images that are viewable without
special eyewear or headgear.

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